



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

JPW
#

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/763,413	01/23/2004	Brenda D. Spangler	A-72072-1 (460930-7)

Robin M. Silva
Dorsey & Whitney LLP
Intellectual Property Department
Four Embarcadero Center, Suite 3400
San Francisco, CA 94111-4187

CONFIRMATION NO. 4544

FORMALITIES LETTER



OC000000012838988

Date Mailed: 06/02/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

09/03/2004 MMEKONEN 00000073.10763413

01 FC:2001	385.00 DP	FILED UNDER 37 CFR 1.53(b)
02 FC:2201	43.00 DP	
03 FC:2202	36.00 DP	
04 FC:2051	65.00 DP	

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 385 to complete the basic filing fee for a small entity.
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
 - The drawings submitted to the Office are not electronically reproducible. Drawing sheets must be submitted on paper, which is flexible, strong, white, smooth, non-shiny, and durable (see 37 CFR 1.84(e)). See Figure(s) 6.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of \$79 as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

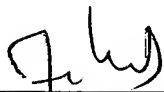
SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is \$529 for a Small Entity

- \$385 Statutory basic filing fee.
- \$65 Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is \$79
 - \$43 for 1 independent claims over 3.
 - \$36 for 4 total claims over 20.

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



PATENT

Attorney Docket No. A-72072-1

Dorsey File No. 460930-00007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

SPANGLER et al.

Serial No.: 10/763,413

Filing Date: January 23, 2004

For: *Biosensors Utilizing Dendrimer-
Immobilized Ligands and Their Use
Thereof*

Examiner: Not Yet Assigned

Art Unit: 1645

CERTIFICATE OF MAILING

I hereby certify that this correspondence, including listed enclosures, is being deposited with sufficient postage with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. BOX 1450, Alexandria, VA 22313-1450 on:

Dated: August 31, 2004

Signed: Careyna Peralta

Careyna Peralta

TRANSMITTAL

Mail Stop Missing Parts
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

These documents are being submitted in response to the Notice to File Missing Parts of Nonprovisional Application dated June 2, 2004. The response is being filed with a one-month extension of time, making this a timely filed response. The Commissioner is authorized to charge the fee required, extension fees or other relief, which may be required, or credit any overpayment to Deposit Account No. 50-2319 (Our Order No. A-72072-1 (460930-00007)).

Transmitted herewith are the following for the above-identified application:

1. Return Receipt Postcard;
2. Application Fee Transmittal Sheet (1 pg.);
3. Copy of Notice to File Missing Parts dated June 2, 2004 (2 pgs.);
4. Petition for Extension of Time for One-Month (1 pg.);


Serial No.: 10/763,413
Filing Date: January 23, 2004

5. Response to Notice to File Missing Parts and Preliminary Amendment, including Replacement Sheets for Figures 1-7, and Annotated Sheets Showing Changes for Figures 1-7 (22 pgs.);
6. Executed Declaration and Power of Attorney (3 pgs.);
7. Information Disclosure Statement (2 pgs.);
8. Form PTO/SB/08A-B, Substitute for Form PTO-1449 (1 pg.);
9. Thirteen (13) references; and
10. Check No. 301832 in the amount of \$584.00.

Please direct any calls in connection with this application to the undersigned at
(415) 781-1989.

Respectfully submitted,
DORSEY & WHITNEY LLP

Dated: 8/31/04
Dorsey & Whitney LLP
Intellectual Property Department
Four Embarcadero Center, Suite 3400
San Francisco, CA 94111-4187
Telephone: (415) 781-1989
Facsimile: (415) 398-3249

BY: 
Steven P. Lendaris, Reg. No. 53,202 for
Robin M. Silva, Reg. No. 38,304

Customer Number: 32940



**APPLICATION
FEE TRANSMITTAL SHEET
(FY 2004)**

Complete if Known

Application No.	10/763,413
Filing Date	January 23, 2004
First Named Inventor	SPANGLER, Brenda D.
Group Art Unit	1645
Examiner Name	Not Yet Assigned
Atty. Docket Number	A-72072-1 (460930-7)

METHOD OF PAYMENT (Check One)				FEE CALCULATION (Continued)																																																																																																															
<p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account No.: <u>50-2319</u> Deposit Account Name: <u>DORSEY & WHITNEY LLP</u></p> <p><input checked="" type="checkbox"/> Charge any additional fee required under 37 C.F.R. 1.16 and 1.17 <input checked="" type="checkbox"/> Applicant claims small entity status (see 37 C.F.R. 1.27)</p> <p>2. <input checked="" type="checkbox"/> Check Enclosed</p>				<p>3. ADDITIONAL FEES</p> <table><thead><tr><th>Large Entity Fee</th><th>Small Entity Fee</th><th>Fee Description</th><th>Fee paid</th></tr></thead><tbody><tr><td>50</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr><tr><td>130</td><td>65</td><td>Surcharge - Late nonprovisional filing fee or oath</td><td>\$65.00</td></tr><tr><td>180</td><td>180</td><td>Submission of IDS</td><td></td></tr><tr><td>40</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr><tr><td>110</td><td>55</td><td>Extension for reply within first month</td><td>\$55.00</td></tr><tr><td>420</td><td>210</td><td>Extension for reply within second month</td><td></td></tr><tr><td>950</td><td>475</td><td>Extension for reply within third month</td><td></td></tr><tr><td>1,480</td><td>740</td><td>Extension for reply within fourth month</td><td></td></tr><tr><td>2010</td><td>1005</td><td>Extension for reply within fifth month</td><td></td></tr><tr><td>770</td><td>385</td><td>Submission After Final 1.129</td><td></td></tr><tr><td>330</td><td>165</td><td>Notice of Appeal</td><td></td></tr><tr><td>330</td><td>165</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>290</td><td>145</td><td>Request for oral hearing</td><td></td></tr><tr><td>110</td><td>55</td><td>Terminal Disclaimer Fee</td><td></td></tr><tr><td>130</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>50</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr><tr><td>1,330</td><td>665</td><td>Utility/Reissue Issue Fee (including advance copies)</td><td></td></tr><tr><td>480</td><td>240</td><td>Design Issue Fee (inc. advance copies)</td><td></td></tr><tr><td>770</td><td>385</td><td>Request for Continued Examination (RCE)</td><td></td></tr><tr><td>300</td><td>300</td><td>Publication fee for early, voluntary, or normal publication</td><td></td></tr><tr><td>300</td><td>300</td><td>Publication fee for re-publication</td><td></td></tr><tr><td>110</td><td>55</td><td>Petition to Revive - unavoidable</td><td></td></tr><tr><td>1,330</td><td>665</td><td>Petition to Revive - unintentional</td><td></td></tr><tr><td colspan="3">OTHER FEE (specify):</td><td></td></tr><tr><td colspan="3">Subtotal (3)</td><td>\$120.00</td></tr><tr><td colspan="3">Total Amount of Payment:</td><td>\$584.00</td></tr></tbody></table>				Large Entity Fee	Small Entity Fee	Fee Description	Fee paid	50	25	Surcharge - late provisional filing fee or cover sheet		130	65	Surcharge - Late nonprovisional filing fee or oath	\$65.00	180	180	Submission of IDS		40	40	Recording each patent assignment per property (times number of properties)		110	55	Extension for reply within first month	\$55.00	420	210	Extension for reply within second month		950	475	Extension for reply within third month		1,480	740	Extension for reply within fourth month		2010	1005	Extension for reply within fifth month		770	385	Submission After Final 1.129		330	165	Notice of Appeal		330	165	Filing a brief in support of an appeal		290	145	Request for oral hearing		110	55	Terminal Disclaimer Fee		130	130	Petitions to the Commissioner		50	50	Petitions related to provisional applications		1,330	665	Utility/Reissue Issue Fee (including advance copies)		480	240	Design Issue Fee (inc. advance copies)		770	385	Request for Continued Examination (RCE)		300	300	Publication fee for early, voluntary, or normal publication		300	300	Publication fee for re-publication		110	55	Petition to Revive - unavoidable		1,330	665	Petition to Revive - unintentional		OTHER FEE (specify):				Subtotal (3)			\$120.00	Total Amount of Payment:			\$584.00
Large Entity Fee	Small Entity Fee	Fee Description	Fee paid																																																																																																																
50	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																	
130	65	Surcharge - Late nonprovisional filing fee or oath	\$65.00																																																																																																																
180	180	Submission of IDS																																																																																																																	
40	40	Recording each patent assignment per property (times number of properties)																																																																																																																	
110	55	Extension for reply within first month	\$55.00																																																																																																																
420	210	Extension for reply within second month																																																																																																																	
950	475	Extension for reply within third month																																																																																																																	
1,480	740	Extension for reply within fourth month																																																																																																																	
2010	1005	Extension for reply within fifth month																																																																																																																	
770	385	Submission After Final 1.129																																																																																																																	
330	165	Notice of Appeal																																																																																																																	
330	165	Filing a brief in support of an appeal																																																																																																																	
290	145	Request for oral hearing																																																																																																																	
110	55	Terminal Disclaimer Fee																																																																																																																	
130	130	Petitions to the Commissioner																																																																																																																	
50	50	Petitions related to provisional applications																																																																																																																	
1,330	665	Utility/Reissue Issue Fee (including advance copies)																																																																																																																	
480	240	Design Issue Fee (inc. advance copies)																																																																																																																	
770	385	Request for Continued Examination (RCE)																																																																																																																	
300	300	Publication fee for early, voluntary, or normal publication																																																																																																																	
300	300	Publication fee for re-publication																																																																																																																	
110	55	Petition to Revive - unavoidable																																																																																																																	
1,330	665	Petition to Revive - unintentional																																																																																																																	
OTHER FEE (specify):																																																																																																																			
Subtotal (3)			\$120.00																																																																																																																
Total Amount of Payment:			\$584.00																																																																																																																
<p>FEE CALCULATION</p> <p>1. BASIC FILING FEE</p> <table><thead><tr><th>Large Entity Fee</th><th>Small Entity Fee</th><th>Fee Description</th></tr></thead><tbody><tr><td>160</td><td>80</td><td><input type="checkbox"/> Provisional Filing Fee</td></tr><tr><td>770</td><td>385</td><td><input checked="" type="checkbox"/> Utility Filing Fee</td></tr><tr><td>340</td><td>170</td><td><input type="checkbox"/> Design Filing Fee</td></tr><tr><td>770</td><td>385</td><td><input type="checkbox"/> Reissue Filing Fee</td></tr><tr><td colspan="2">Subtotal (1)</td><td>\$385.00</td></tr></tbody></table> <p>2. EXTRA* CLAIM FEES</p> <table><thead><tr><th>Number Claims</th><th>Prior</th><th>Extra</th><th>Fee from Below*</th><th>Fee Paid</th></tr></thead><tbody><tr><td>Total 24</td><td>- 20</td><td>= 4</td><td>x \$9.00</td><td>= \$36.00</td></tr><tr><td>Indep. 4</td><td>- 3</td><td>= 1</td><td>x \$43.00</td><td>= \$43.00</td></tr><tr><td colspan="4">Multiple Dependent Claims =</td><td></td></tr><tr><td colspan="4">Subtotal (2)</td><td>\$79.00</td></tr></tbody></table> <p>*Calculation of Extra Claim Fees</p> <table><thead><tr><th>Large Entity Fee</th><th>Small Entity Fee</th><th>Fee Description</th></tr></thead><tbody><tr><td>18</td><td>9</td><td>Claims in excess of 20</td></tr><tr><td>86</td><td>43</td><td>Independent claims in excess of 3</td></tr><tr><td>290</td><td>145</td><td>Multiple dependent Claim</td></tr><tr><td>84</td><td>42</td><td>Reissue independent claims over original patent</td></tr><tr><td>18</td><td>9</td><td>Reissue claims in excess of 20 and over original patent</td></tr></tbody></table>				Large Entity Fee	Small Entity Fee	Fee Description	160	80	<input type="checkbox"/> Provisional Filing Fee	770	385	<input checked="" type="checkbox"/> Utility Filing Fee	340	170	<input type="checkbox"/> Design Filing Fee	770	385	<input type="checkbox"/> Reissue Filing Fee	Subtotal (1)		\$385.00	Number Claims	Prior	Extra	Fee from Below*	Fee Paid	Total 24	- 20	= 4	x \$9.00	= \$36.00	Indep. 4	- 3	= 1	x \$43.00	= \$43.00	Multiple Dependent Claims =					Subtotal (2)				\$79.00	Large Entity Fee	Small Entity Fee	Fee Description	18	9	Claims in excess of 20	86	43	Independent claims in excess of 3	290	145	Multiple dependent Claim	84	42	Reissue independent claims over original patent	18	9	Reissue claims in excess of 20 and over original patent																																																			
Large Entity Fee	Small Entity Fee	Fee Description																																																																																																																	
160	80	<input type="checkbox"/> Provisional Filing Fee																																																																																																																	
770	385	<input checked="" type="checkbox"/> Utility Filing Fee																																																																																																																	
340	170	<input type="checkbox"/> Design Filing Fee																																																																																																																	
770	385	<input type="checkbox"/> Reissue Filing Fee																																																																																																																	
Subtotal (1)		\$385.00																																																																																																																	
Number Claims	Prior	Extra	Fee from Below*	Fee Paid																																																																																																															
Total 24	- 20	= 4	x \$9.00	= \$36.00																																																																																																															
Indep. 4	- 3	= 1	x \$43.00	= \$43.00																																																																																																															
Multiple Dependent Claims =																																																																																																																			
Subtotal (2)				\$79.00																																																																																																															
Large Entity Fee	Small Entity Fee	Fee Description																																																																																																																	
18	9	Claims in excess of 20																																																																																																																	
86	43	Independent claims in excess of 3																																																																																																																	
290	145	Multiple dependent Claim																																																																																																																	
84	42	Reissue independent claims over original patent																																																																																																																	
18	9	Reissue claims in excess of 20 and over original patent																																																																																																																	

Submitted by:

Name: Steven P. Lendaris

Reg. No.: 53,202

Telephone: (415) 544-7023

DORSEY & WHITNEY LLP

Four Embarcadero Center, Suite 3400
San Francisco, California 94111-4187

Customer Number 32940

Signature:

Date: 8/3/04